

Meetings and Societies

Proposed Change in AAAS Constitution

For a number of years the American Association for the Advancement of Science has elected some scientific societies as affiliates and others as associates. The Association's Committee on Affiliation and Association recommends that the category of associates be dropped and that associated societies be offered the status of affiliates. To accomplish this change, it will be necessary to make a few changes in the Association's constitution:

- 1) Change the title of Article VIII from *Affiliates and Associates* to *Affiliated and Participating Organizations*.
- 2) Delete Section 3 of Article VIII.
- 3) Change the number of Section 4 of Article VIII to Section 3.

The Board of Directors approves these recommendations. They will be submitted to the Council for vote at the 1956 annual meeting in New York.

Geological Congress

Nearly 3500 *congresistas* gathered in Mexico City, 4-11 Sept., for the 20th International Geological Congress. Scientists from some 70 countries were represented at the meeting, which was formally opened by words of welcome from the President of the Republic of Mexico, Adolfo Ruiz Cortines.

Listed in the program were more than 900 papers, of which about half were read by title. The program featured symposia on oil and gas, manganese, geochemistry, and the Cambrian system. As is usually the case, the presentation of scientific papers at the congress shared the limelight with the field excursions. In the weeks before and after the congress, 32 field excursions to all parts of Mexico afforded the visiting geologists an opportunity to become acquainted with the geology and mineral deposits of the country.

The International Geological Congress is reportedly the oldest international congress of scientists, having first met in 1878. It has remained an informal union, without a permanent or-

ganization, although some consideration has been given in recent years to a permanent international union of geologists. The council of delegates, meeting in Mexico City, proposed a commission on international abstracts to be headed by H. M. B. Schurmann (the Netherlands). Other projects approved were a tectonic map of the world, a metallogenetic map, and a study of geobioclimatological problems.

The council accepted an invitation to meet in Copenhagen, Denmark, in 1957, at which time Denmark will be assisted by Iceland, Norway, Sweden, and Finland, for it is anticipated that field excursions will include the Scandinavian countries. An important development was the appointment of a committee headed by Rhodes W. Fairbridge (Columbia University) to facilitate the exchange of scientific data with geologists of the U.S.S.R. Simultaneous translation into the six official languages of the congress was used to great advantage in the council of delegates.

The Mexican hosts planned a very interesting program for the visiting geologists, many of whom were accompanied by their wives, and almost everyone found time for some sightseeing in the vicinity of Mexico City.

ROBERT C. STEPHENSON
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Moving Frontiers of Science

"Moving frontiers of science" will be the theme of the AAAS general symposium at the coming New York meeting. The afternoons of 27 and 28 Dec. will be devoted to a discussion of the fundamental units and concepts of science. Representatives of the physical, the biological, and the social sciences will analyze their own areas of science in terms of the fundamental units, variables, or concepts with which each is concerned. Because these special sessions will be of Association-wide interest, there will be no conflicting programs of the separate AAAS sections, and most of the 55 participating societies with programs have also been able to keep these two afternoons free.

The program on the afternoon of 27 Dec. will open with a brief panel discussion that is expected to point out some of the topics that will be considered by later speakers and to raise questions concerning the differences in what constitute fundamental units or concepts of different fields of science. Members of the panel will be Paul Weiss of the Rockefeller Institute for Medical Research, Paul F. Lazarsfeld of the department of sociology at Columbia University, and Jerome B. Wiesner, director of Electronics Laboratory, Massachusetts Institute of Technology.

Following the opening panel discussion will be four addresses, the first three by spokesmen for the physical, biological, and social science areas: Jerrold R. Zacharias, professor of physics and head of the laboratory of nuclear science at Massachusetts Institute of Technology, will represent the physical sciences; R. W. Gerard, of the mental health research institute of the University of Michigan, will represent biological science; and Robert B. MacLeod, Sage professor and formerly chairman of the department of psychology at Cornell University, will represent social science.

The fourth address will be by Michael Polanyi, professor of social studies at Victoria University, Manchester, England, and formerly member of the Kaiser Wilhelm Institute for physical chemistry and professor of physical chemistry at Victoria University, who will compare and contrast the positions taken by the representatives of the three broad areas of science.

The program will end with a panel discussion that will include the three original panelists and the four speakers and will provide an opportunity for the consideration of selected questions that may be presented from the floor. Chairman and moderator will be Howard Mumford Jones, chairman of the American Council of Learned Societies, Washington, D.C.

The program was arranged by the Committee on AAAS Meetings and the secretaries of the AAAS sections. Meeting together last spring, the committee and the section secretaries decided that at each annual meeting—for as long as the idea seems to be a good one—there should be one or more special sessions for the Association as a whole. The title "Moving frontiers of science" was adopted for these sessions, which, after this first year, are planned to consist of reports of research trends and findings that are of such broadly ramifying nature as to be of concern to many branches of science. The special program on fundamental units and concepts of science was planned to start the new series of programs.—RAYMOND L. TAYLOR.

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Russell W. Bunting, School of Dentistry, University of Michigan.

AAAS, 1515 Mass. Ave., NW,
Washington 5, D.C.

Meeting Notes

The biology section of the New York Academy of Sciences is holding a conference on subcellular particles in the neoplastic process, 19-20 Nov. Participants from abroad include: P. B. Medawar, University College, London, England; P. R. Peacock, Royal Beatson Memorial Hospital, Glasgow, Scotland; and A. Graffi, Institut für Medizin und Biologie, Deutsche Akademie der Wissenschaften zu Berlin, Germany.

The biology section is also sponsoring a conference on the role of iodine-131 labeled proteins in biology and medicine on 30 Nov. One of the visitors at this meeting will be A. S. MacFarlane of the Medical Research Council, National Institute for Medical Research, London, England, who will be chairman of the methodology session.

■ The Thomas Alva Edison Foundation has announced the seventh Edison Foundation Institute, which will have as its theme "Strengthening science education for youth and industry." The conference will hold special panel sessions on "Factors in the early motivation of scientists," "The science education possibilities in cooperative education," "Science education in Russia: the qualitative aspect," and "Dilemmas of science." The meetings will take place in West Orange, N.J., 19-20 Nov.

Approximately 150 specialists will participate in the institute to formulate ways and means of solving the critical problems of science education. The speakers include Hyman G. Rickover, chief of the Naval Reactors Branch of the Atomic Energy Commission; Charles F. Kettering of the General Motors Corporation; Carroll V. Newsom, president of New York University; Alan T. Waterman, director of the National Science Foundation; Reuben Gustavson, director of Resources of the Future; George G. Brown, dean of the College of Engineering at the University of Michigan; George Kirby, vice president of research and engineering for the Ethyl Corporation; Everett T. Welmers, chief of dynamics for the Bell Aircraft Corporation; Nicholas DeWitt of the Russian Research Center at Harvard University; and Governor Charles Edison, honorary president of the Edison Foundation.

■ The ninth annual College-Industry Conference, sponsored each year by the relations-with-industry division of the American Society for Engineering Education, will take place 30-31 Jan. at the University of California, Los Angeles, under the auspices of University Extension and U.C.L.A. College of Engineering. The conference, which is being held on the West Coast for the first time, will have as its theme, "Improvement of the

engineer—a dual responsibility of industry and the engineering school."

Emphasis throughout the meeting will be on improvement of the engineer rather than on the training of more engineers. Among the speakers already scheduled are C. C. Furnas, Assistant Secretary of Defense in charge of Research and Development; J. L. Young, executive vice president for engineering, U.S. Steel Corporation; G. A. Hawkins, dean of engineering at Purdue University; and C. J. Freund, dean of the College of Engineering at the University of Detroit.

■ The second International Congress of Photobiology will be held in Turin, Italy, 2-8 June 1957. The program will consist of four symposia: (i) biological effects of radiation longer than 3200 Å (especially long ultraviolet); (ii) vision and light quanta; (iii) dermatoses produced by light and their photoallergic basis; and (iv) photoreceptors in biology. A number of invited lectures and contributed papers will be given. For detailed information concerning abstracts, reservations, and so forth, write to the local secretary general, Prof. Giuseppe Matli, Istituto di Fisica dell'Università di Torino, Via Pietro Giuria 1, Corso Massimo d'Azeglio 46, Turin, Italy.

Society Elections

■ Western Section of the American Society of Plant Physiologists: chairman, Myron Stout, U.S. Department of Agriculture, Salt Lake City, Utah; v. chairman, N. Higinbotham, State College of Washington, Pullman; sec.-treas., John D. Spikes, University of Utah.

■ Paleontological Research Institution: pres., S. C. Hollister; v. pres., Norman E. Weisbord; sec.-treas., Rebecca S. Harris.

■ Reticuloendothelial Society: pres., Leon Jacobson, University of Chicago; v. pres., Lewis Thomas, New York University; sec.-treas., John Heller, New England Institute for Medical Research.

■ South Carolina Academy of Science: pres., I. S. H. Metcalf, The Citadel; v. pres., H. W. Davis, University of South Carolina; sec.-treas., Margaret Hess, Winthrop College. Representative to the AAAS Council is J. G. Dinwiddie.

Forthcoming Events

December

8-11. American Acad. of Optometry, annual, Houston, Tex. (C. C. Koch, 1506 Foshay Tower, Minneapolis 2, Minn.)

9-12. American Inst. of Chemical Engineers, annual, Boston, Mass. (F. J. Van Antwerpen, AICE, 25 W. 45 St., New York 36.)

9-12. American Soc. of Agricultural Engineers, Chicago, Ill. (J. L. Butt, ASAE, St. Joseph, Mich.)

10-12. American Nuclear Soc., winter meeting, Washington, D.C. (ANS, P.O. Box 963, Oak Ridge, Tenn.)

10-12. Eastern Joint Computer Conf., New York, N.Y. (J. R. Weiner, Remington Rand, Inc., 315 Fourth Ave., New York, N.Y.)

10-12. North Central Weed Control Conf., 13th annual, Chicago, Ill. (O. C. Lee, Agricultural Extension Service, Purdue Univ., Lafayette, Ind.)

12-14. European Assoc. of Exploration Geophysicists, Milan, Italy. (B. Baars, Carel Van Bylandtlaan 30, The Hague, Holland.)

13-15. Texas Acad. of Science, annual, Brownwood, Tex. (G. C. Parker, Texas A.&M. College, College Station.)

19. Arctic Branch, Alaska Div., AAAS, College Alaska. (Miss C. Juedes, Box 47, College.)

26-31. American Assoc. for the Advancement of Science, annual, New York, N.Y. (R. L. Taylor, AAAS, 1515 Massachusetts Ave., NW, Washington 5.)

27-28. Fluid Mechanics in Chemical Engineering, American Chemical Soc., Lafayette, Ind. (W. E. Ranz, Dept. of Engineering Research, Pennsylvania State Univ., University Park.)

27-28. Linguistic Soc. of America, Philadelphia, Pa. (A. A. Hill, Box 7790, University Sta., Austin 12, Tex.)

27-29. American Mathematical Soc., 63rd annual, Rochester, N.Y. (J. H. Curtiss, AMS, 80 Waterman St., Providence 6, R.I.)

27-29. American Physical Soc., Monterey, Calif. (W. A. Nierenberg, Univ. of California, Berkeley 4.)

27-29. Western Soc. of Naturalists, annual, Goleta, Calif. (D. Davenport, Santa Barbara College, Goleta.)

27-30. American Economic Assoc., an-

nual, Cleveland, Ohio. (J. W. Bell, 629 Noyes St., Evanston, Ill.)

27-30. American Finance Assoc., annual, Cleveland, Ohio. (G. E. Hassett, Jr., New York Univ., 90 Trinity Place, New York 6.)

28. Society for the Advancement of Criminology, annual western, Fresno, Calif. (W. Dienstein, Fresno State College, Fresno.)

28-29. American Folk-Lore Soc., annual, Santa Monica, Calif. (MacE. Leach, Bennett Hall, Univ. of Pennsylvania, Philadelphia 4.)

28-30. American Anthropological Assoc., annual, Santa Monica, Calif. (W. S. Godfrey, Jr., Logan Museum, Beloit College, Beloit, Wis.)

28-30. American Historical Assoc., annual, St. Louis, Mo. (AHA, Study Room 274, Library of Congress, Washington 25.)

28-30. Archaeological Inst. of America, annual, Philadelphia, Pa. (C. Boulter, Library, Univ. of Cincinnati, Cincinnati 21, Ohio.)

28-30. Industrial Relations Research Assoc., Cleveland, Ohio. (E. Young, Sterling Hall, Univ. of Wisconsin, Madison 6.)

29. Mathematical Assoc. of America, 40th annual, Rochester, N.Y. (H. M. Gehman, Univ. of Buffalo, Buffalo 14, N.Y.)

29-30. American Chemical Soc., Div. of Industrial and Engineering Chemistry, Princeton, N.J. (A. H. Emery, ACS, 1155 16 St., NW, Washington 6, D.C.)

January

7-11. International Social Science Council, 3rd gen'l. assembly, Paris, France. (Secretary Gen'l., ISSC, 19, avenue Kleber, Paris 16.)

10. Technical and Clinical Applications of Radioisotopes, Assoc. of Vitamin Chemists, Chicago, Ill. (M. Freed, Dawe's Laboratories, Inc., 4800 S. Richmond St., Chicago 32.)

10-12. American Group Psychotherapy Assoc., 14th annual, New York, N.Y. (C. Beukenkamp, Jr., AGPA, Room 300, 345 E. 46 St., New York 17.)

14-16. Cottonseed Processing as Related to the Nutritive Value of the Meal, 4th conf., New Orleans, La. (Southern Regional Research Lab., USDA, 1100 Robert E. Lee Blvd., New Orleans 19.)

14-16. Reliability and Quality Control in Electronics, 3rd natl. symp., Washington, D.C. (C. M. Ryerson, Radio Corp. of America, Bldg. 10-6, Camden 2, N.J.)

14-18. Society of Automotive Engineers, annual, Detroit, Mich. (Meetings Div., SAE, 29 W. 39 St., New York 18.)

14-20. Indian Science Cong. Assoc., 44th meeting, Calcutta, India. (General Secretary, ISCA, 1 Park St., Calcutta 16.)

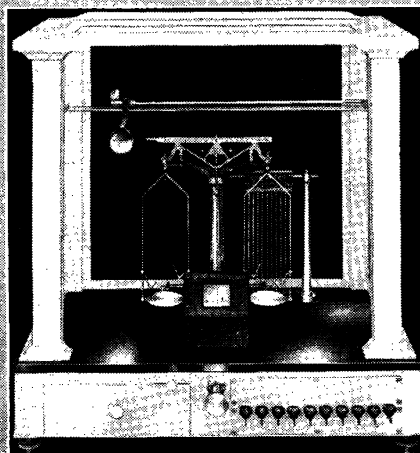
16-23. Australian and New Zealand Assoc. for the Advancement of Science, 32nd meeting, Dunedin, N.Z. (J. R. A. McMillan, ANZAAS, Science House, 157 Gloucester St., Sydney, N.S.W., Australia.)

17-18. Engineers Joint Council, New York, N.Y. (EJC, 29 W. 39 St., New York 18.)

18-19. Symposium on Blood, 6th annual, Detroit, Mich. (W. H. Seegers, Wayne State Univ. Coll. of Medicine, Detroit 7.)

(See issue of 19 October for comprehensive list)

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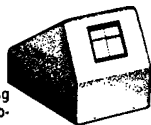
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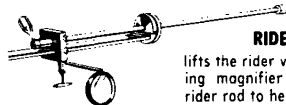
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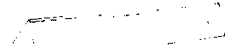
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